

REMARKS

Claims 71-80 remain pending in the present application. Claims 73-78 were already allowed. Claims 72, 79 and 80 were merely objected to as being dependent on a rejected base claim, but are otherwise allowable. By this Amendment, claims 72 and 79 were rewritten into independent form to place them into condition for allowance. Accordingly, entry of this Amendment is respectfully requested. Only claim 71 remains rejected over the prior art.

Rejections Under 35 U.S.C. §103:

Claim 71 was rejected under 35 U.S.C. §103 over Choudhury et al. (USP 5,509,074) in view of Butter et al. (USP 5,381,480). It is submitted that the prior art, either alone or in combination, do not teach or suggest all the features recited in present claimed invention.

For instance, claim 71 recites “storing, copying or transferring said re-encrypted data and not said decrypted data.” The Office action stated that Choudhury et al. does not specifically disclose the re-encrypting of decrypted data using a second secret key, nor the above-claimed quoted feature. The Office action makes the reference to Butter et al. for disclosing the re-encryption of decrypted data using a second secret key for transferring the re-encrypted data to different sites or users. However, claim 71 does not merely recite transferring of re-encrypted data. Instead, claim 71 recites storing, copying or transferring re-encrypted data and not said decrypted data. In other words, it is this trio of storing, copying or transferring which is limited to act only on re-encrypted data and not decrypted data. It is under such restrictions that a robust data copyright management can be secured.

In contrast, Butter et al. does not disclose or provide motivation directed to achieving data copyright management, and especially not by restricting storage, copying or transferring to only re-encrypted data and not decrypted data. To one of ordinary skill in the art, Butter et al. does not limit storage or copying of copyrighted data. According to the disclosure of Butter et al., any user (authorized or not) can freely store or copy decrypted data. This is contrary to and **teaches away** from the present claimed invention. For at least these reasons, claim 71 patentably distinguishes over the prior art. Accordingly, reconsideration of claim 71 is respectfully requested.

The Drawings:

Formal copies of corrected Figure 10 and new Figure 11 are enclosed with this Amendment, as requested at item 4 on page 2 of the Office action.

Information Disclosure Statement:

An Information Disclosure Statement is concurrently filed with this Amendment, to submit additional prior art references by Best and McCarty respectively directed to the prior art common key system and data customization. These references are presented so that the U.S. Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents in the attached Form PTO-1449 be made of record and appear on the first page of any patent issuing from the present application.

SUMMARY

It is submitted that nothing in the prior art, either alone or in combination, teaches or suggests all the features recited in claim 71. Entry of this Amendment is respectfully requested to place claims 72, 79, and 80 into condition for allowance. Claims 73-78 were already allowed. An early notice of allowance is earnestly requested.

If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

Attached hereto is a marked-up version of the changes made to the by the current amendment. The attached page is captioned "**Version with markings to show changes made.**"

In the event that this paper is not timely filed, Applicant respectfully petitions for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully Submitted,
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PATENT TRADEMARK OFFICE

Enclosures: Version with markings to show changes made

IN THE CLAIMS:

Please amend the claims as follows:

72. (Twice Amended) A data copyright management method ~~according to claim 71,~~
~~further comprising:~~

encrypting unencrypted copyrighted data using a first secret-key;

supplying the encrypted data to a primary user;

decrypting the encrypted data using said first secret-key;

displaying the decrypted data;

re-encrypting said decrypted data using a second secret-key;

storing, copying or transferring said re-encrypted data and not said decrypted data;

editing said decrypted data to produce unencrypted edited data;

encrypting the unencrypted edited data using said second secret-key; and

storing, copying or transferring said encrypted edited data and not the unencrypted edited data.

79. (Twice Amended) A data copyright management method ~~according to claim 71,~~
~~further comprising:~~

adding copyright information to ~~said unencrypted data; said encrypted data, said~~
~~decrypted data and said re-encrypted data~~

encrypting said unencrypted copyrighted data using a first secret-key;

supplying the encrypted data having the copyright information to a primary user;
decrypting the encrypted data using said first secret-key to produce decrypted data having
the copyright information;
displaying the decrypted data;
re-encrypting said decrypted data using a second secret-key to produce re-encrypted data
having the copyright information; and
storing, copying or transferring said re-encrypted data and not said decrypted data.